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Antares

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Klinkhamer, F.R., Kuijpers, J. **100**, 291

AQ Tuc

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AT Peg, DM Per

Revised Photometric Elements of Seven SD-Systems
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BB Peg

BB Peg: A WUMa-W System with a High Degree of Overcontact
Cerruti-Sola, M., Milano, L., Scaltriti, F. **101**, 273

BD + 16°2356

BD + 16 °2356, an RRc Lyr Variable
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BD+28°1494

The Delta Scuti Variable BD+28°1494
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Betelgeuse

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BH Dra

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Giuricin, G., Mardirossian, F. **102**, 282; ***45***, *499*

BR Cyg

Revised Photometric Elements of the Eclipsing Binary BR Cyg
Giuricin, G., Mardirossian, F. **96**, 409

CI Cyg

A Spectroscopic Study of CI Cygni: The S-process Episode
Audouze, J., Bouchet, P., Fehrenbach, Ch., Wosczyck, A. **93**, 1
Spectrophotometric Observations of CI Cyg in 1979
Iijima, T. **94**, 290
Observations spectroscopiques de CI Cygni
Fehrenbach, C., Huang Chang Chun **104**, 171; ***46***, *257*

Cir X-1

High-energy Inverse Compton Gamma Rays from Cyg X-3 and Cir X-1?
Schlickeiser, R. **94**, 229

CPD-46° 3093

UV Observations of the Intermediate Helium Star CPD-46° 3093
Heber, U., Hunger, K. **101**, 269

CPD-52°9243

The Strongly Polarized P Cygni Star with Infrared Excess CPD-52°9243
Swings, J.P. **98**, 112

Cyg X-1

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Pollock, A.M.T., Bignami, G.F., Hermsen, W., Kanbach, G., Lichti, G.G., Masnou, J.L., Swanenburg, B.N., Wills, R.D. **94**, 116
The Inclination of the Orbital Plane of Cygnus X-1. A Monte Carlo Study
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Cyg X-1: A Massive Neutron Star?
Goldman, I. **97**, 219

Cyg X-3

High-energy Inverse Compton Gamma Rays from Cyg X-3 and Cir X-1?
Schlickeiser, R. **94**, 229
A Change in Light Curve Asymmetry and the Ephemeris of Cygnus X-3
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ER Vul

Photometry Observations and Light Curve Analysis of the Peculiar System ER Vulpeculae
Al-Naimiy, H.M.K. **95**, 209; ***43***, *85*

FH Ser = Nova Ser 1970

FK Com

UBVRI Photometry of FK Comae
Rucinski, S.M. **104**, 260

FZ CMa

Photometric Elements of the Eclipsing Binary FZ CMa
Giuricin, G., Mardirossian, F. **94**, 201

G 141-29

Discovery of Flare Activity on G141-29
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G 51-15

Discovery of Flare Activity on the Very Low Luminosity Red Dwarf G 51-15
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GK Per

The Old-nova GK Per (1901). I. Determination of the Orbital Period
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GW Gem

Photometry and Elements of GW Geminorum
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G33-49

Discovery of Strong Ultraviolet Absorption in the Spectrum of the DC White Dwarf G 33–49
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HD 102567

Ultraviolet Observations of the Be Star and X-ray Binary 4U 1145–61 (=HD 102567=Hen 715) Obtained with the IUE
de Loore, C., Burger, M., Hensberge, H., Van Dessel, E.L. **104**, 150

HD 110066

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Adelman, S.J. **99**, 403; ***44***, *265*

HD 153919

New *VBLUW* Photometry of the X-ray Binary HD 153919 (4U 1700-37): The Optical Micro Variability of the O 6.5 f Supergiant
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van Genderen, A.M., Windhorst, R.A., Van Driel, W., Bakker, R., Wesselink, T.J.H., Hammerschlag-Hensberge, G. **99**, 204; ***44***, *83*

HD 16219

The Spectrographic Binary HD 16219
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HD 164270

The Variable, Single-line WC 9 Wolf-Rayet Star HD 164270 with a Low-mass Companion
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HD 165474

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Adelman, S.J. **99**, 404; ***44***, *309*

HD 168476

A Fine Analysis of the Extreme Helium-rich Star HD 168476
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Absorption Line Wavelengths and Equivalent Widths for the Extreme Helium-rich Star HD 168476
Lynas-Gray, A.E., Walker, H.J. **100**, 332; ***44***, *349*

HD 175754

Far-UV Wind Line Profile Changes in the O-type Star HD 175754
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HD 18078

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Adelman, S.J. **99**, 403; ***44***, *265*

HD 191742

Spectrophotometry of Peculiar B and A Stars. XI. HD 89069, HD 165474, 10 Aquilae, HD 191742, HD 192678, and HD 204411
Adelman, S.J. **99**, 404; ***44***, *309*

HD 192678

Spectrophotometry of Peculiar B and A Stars. XI. HD 89069, HD 165474, 10 Aquilae, HD 191742, HD 192678, and HD 204411
Adelman, S.J. **99**, 404; ***44***, *309*

HD 216533

Spectrophotometry of Peculiar B and A Stars. IX. HD 5797, HD 12288, 9 Tauri, HD 81009, HD 111133, 33 Librae, and HD 216533
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HD 224113 = HR 9049

HD 224801 = CG And

Short Period Light Variations of the Ap-Star HD 224801
Nittmann, J., Rakosch, K.D. **97**, 325

HD 2453

Spectrophotometry of Peculiar B and A Stars, X, HD 2453, HD 8441, HD 18078, HD 50169, HD 110066 and Gamma Equulei
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HD 35343 = S Dor

HD 36705

HD 36705: A New Bright X-ray Emitting RS CVn Star
Pakull, M.W. **104**, 33

HD 37819

HD 37819, a New δ Scuti Star: Determination of the Oscillation Mode
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HD 3980 = ξ Phe

HD 50169

Spectrophotometry of Peculiar B and A Stars, X, HD 2453, HD 8441, HD 18078, HD 50169, HD 110066 and Gamma Equulei
Adelman, S.J. **99**, 403; ***44***, *265*

HD 5797, HD 12288, 9 Tau

Spectrophotometry of Peculiar B and A Stars. IX. HD 5797, HD 12288, 9 Tauri, HD 81009, HD 111133, 33 Librae, and HD 216533
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HD 77581

A Discussion on *VBLUW* Photometry of the X-ray Binary HD 77581 (=Vela X-1=3 U 0900-40) and on the Overluminosity of the Primaries in X-ray Binaries. The Optical Micro Variability of the Hot Supergiant Primaries HD 77581 and HD 153919
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HD 81009, HD 111133

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HD 8441

Spectrophotometry of Peculiar B and A Stars, X, HD 2453, HD 8441, HD 18078, HD 50169, HD 110066 and Gamma Equulei
Adelman, S.J. **99**, 403; ***44***, *265*

HD 87643

The Reflection Nebula Surrounding HD 87643
Surdej, A., Surdej, J., Swings, J.P., Wamsteker, W. **93**, 285

HD 89069

Spectrophotometry of Peculiar B and A Stars. XI. HD 89069, HD 165474, 10 Aquilae, HD 191742, HD 192678, and HD 204411
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He

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Groote, D., Kaufmann, J.P. **94**, L23

He 3-640

A Photometric and Spectroscopic Study of He 3–640 (?=A 1118–61)
Janot-Pacheco, E., Ilovaisky, S.A., Chevalier, C. **99**, 274

Her X-1

Quantum Theory of Cyclotron Emission and the X-ray Line in Her X-1
Melrose, D.B., Zheleznyakov, V.V. **95**, 86
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Melrose, D.B. **101**, 284

HM Sge

HM Sagittae: Symbiotic Cousin of the RS CVn Stars?
Blair, W.P., Stencel, R.E., Shaviv, G., Feibelman, W.A. **99**, 73

HR Del = Nova Del 1967

HR 155 = 53Psc

HR 5999

The Variable Shell Star HR 5999: V. The Spectral Energy Distribution
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HR 6127

The Sr-Y-Zr Abundance Peak in HR 6127
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HR 7308

VBLUW Photometry of the Very Small Amplitude and Very Short Period Cepheid HR 7308=HD 180583
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HR 8752

A High Resolution IUE Spectrum of the GO-G5 Ia Supergiant HR 8752
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HU Tau

Photometric Elements of the Eclipsing Binary HU Tau
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HV 1369

HV 1369, a Cepheid at a Possible Depth of 32 Kpc in the Small Magellanic Cloud
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LP 145–141

Erratum: „IUE Observation of Strong UV Absorption in the Spectrum of the C_2 White Dwarf L 145–141"
Weidemann, V., Koester, D., Vauclair, G. **94**, 206

LV Vul = Nova Vul 1968

L97–3

IUE Observation of UV Carbon I Absorption Lines in the Spectrum of the C_2 White Dwarf L 97–3
Weidemann, V., Koester, D., Vauclair, G. **95**, L9

Nova Aquilae (1918)

Phase-dependent Optical and Ultraviolet Observations of the Old Nova V 603 Aquilae (1918)
Drechsel, H., Rahe, J., Holm, A., Krautter, J. **99**, 166

NQ Vul = Nova Vul 1976

OAO 1653-40 = V 861 Sco

OY Car

The Eclipsing Dwarf Nova OY Carinae: Ephemeris and Physical Parameters
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Pec A

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Groote, D., Kaufmann, J.P. **94**, L23

Procyon

Non-resonance Lines of Neutral Calcium in the Spectra of the Sun and Procyon
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Przybylski's Star = HD 101065

PSR 1822-09

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PSR 1926+18

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PSR 2319+60

Mode-changing and Quantized Subpulse Drift-rates in Pulsar PSR 2319+60
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R 71

IUE and Ground-based Spectroscopic Observations of the S Dor-type LMC Variable R 71 during Minimum State
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R 81

R 81: P Cygni of the LMC
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Erratum: R 81: P Cygni of the LMC
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RT Ser = Nova Ser 1909

RT UMi

A Comparison of Eclipsing Binary Models. Application to RT UMi
Milano, L., Russo, G., Sollazzo, C. **96**, 328
Revised Photometric Elements of the Eclipsing Binary RT UMi
Mardirossian, F., Giuricin, G. **97**, 206

RX Puppis

Is RX Puppis Returning to a Symbiotic Phase?
Klutz, M., Swings, J.P. **96**, 406

RY Sct

A Lightcurve Analysis for the Massive Binary RY Sct
Giuricin, G., Mardirossian, F. **101**, 138

RY Scu

Photometric Orbit of the Massive System RY Scuti
Milano, L., Vittone, A., Ciatti, F., Mammano, A., Margoni, R., Strazzulla, G. **100**, 59

SMC X-1

A Discussion on New *VBLUW* Observations of the X-ray Binary Sk. 160=SMC X-1
van Genderen, A.M., van Groningen, E. **101**, 101

SS 433

A Kinematical Analysis of SS 433 after Two Observing Seasons, 1978–79
Ciatti, F., Mammano, A., Vittone, A. **94**, 251
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Hut, P., van den Heuvel, E.P.J. **94**, 327
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A Joint Optical-radio Study of SS 433
Ciatti, F., Mammano, A., Bartolini, C., Guarnieri, A., Piccioni, A., Downes, A.J.B., Emerson, D.T., Salter, C.J. **95**, 177
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Erratum: A Joint Optical-radio Study of SS 433
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Downes, A.J.B., Pauls, T., Salter, C.J. **103**, 277

TT Ari

TT Ari: A New Dwarf Nova
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TY Pup

Photometric Elements of the Eclipsing Binary TY Pup
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TY Pyx

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TZ Men

Photometric Elements of the Eclipsing Binary TZ Men
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U Cep

A Polarimetric Study of U Cephei. Part II (Observations)
Piirola, R. **100**, 334; ***44***, *461*

UW CMa

Phase-correlated P Cygni Profile Variations of the C III Multiplet in UW Canis Majoris
Drechsel, H., Rahe, J., Kondo, Y., McCluskey, Jr., G.E. **94**, 285
On the Period of the Interacting Binary UW Canis Majoris
Herczeg, T., Drechsel, H., Rahe, J. **104**, 256

V 1057 Cyg

A New 1720 MHz OH Outburst in V 1057 Cyg
Winnberg, A., Graham, D.A., Walmsley, C.M., Booth, R.S. **93**, 79

V 1182 Aql

Revised Photometric Elements of Five Eclipsing Binaries
Giuricin, G., Mardirossian, F. **102**, 282; ***45***, *499*

V 1301 Aql = Nova Aql 1975

V 1331 Cyg

IUE Observations of V 1331 Cyg
Mundt, R., Appenzeller, I., Bertout, C., Chavarria, C., Krautter, J. **93**, 412

V 1500 Cyg = Nova Cyg 1975

V 337 Aql

Revised Photometric Elements of Five Eclipsing Binaries
Giuricin, G., Mardirossian, F. **102**, 282; ***45***, *499*

V 373 Sct = Nova Sct 1975

V 471 Tau

Simultaneous Photoelectric and Single-trail Spectroscopic Observations of V 471 Tauri (BD+16°516)
Hamzaoğlu, E. **104**, 65

V 505 SGR

Photometric Observations of the Algol Variable V 505 Sagittarii
Walter, K. **104**, 171; ***46***, *263*

V 505 Sr

Variations in the Light Curve of V 505 Sagittarii and their Interpretation
Walter, K. **101**, 369

V 603 Aql = Nova Aql 1918

V 810 Cen

On the Nature of the 125-day Cepheid V 810 Cen (= HR 4511): IUE Spectra
Eichendorf, W., Heck, A., Isserstedt, J., Lub, J., Pakull, M., Reipurth, B., van Genderen, A.M. **93**, L5
On the Nature of the Two Supergiant Components in the System of V 810 Cen=HR 4511=HD 101947
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V 861 Sco

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Howarth, I.D., Wilson, R., Carter, B.S., Menzies, J.W., Roberts, G., Whitelock, P.A., van Dessel, E.L., de Loore, C., Burger, M., Sandford, M.C.W. **93**, 219
Infrared and X-ray Observations of the Binary System V 861 Sco
Tanzi, E.G., Maraschi, L., Treves, A., Tarenghi, M. **100**, 68

Vega = α Lyr

Non-LTE Analysis of the Ultraviolet Spectrum of A Type Stars. I. Copernicus Observations of the Ly α Profile in Vega (A0 V)
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Study of Stellar Polarization with the CERGA Interferometer
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VV Gp

Spectroscopic Observations of VV Cep. II. The Egress Phase of the 1976/78 Eclipse
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VW Hyi

High-time Resolution Spectroscopy of VW Hydri and WX Hydri
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V553

V553 Centauri and a Progression of Bumps in BL Herculis Light Curves
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V1016 Cyg

A Model for V 1016 Cyg Based on the Ultraviolet Spectrum
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V1331 Cyg

A Study of the Peculiar T Tauri Star V 1331 Cygni
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WX Hyi

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WY Hya

WY Hya: a Main Sequence Detached Binary System with Nearly Equal Members
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WZ Sge

A Study of the Spectrum of WZ Sge During Its 1978 Outburst
Friedjung, M. **99**, 226

X Gzu, TT Lyz

Revised Photometric Elements of Seven SD-Systems
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X Per

IUE Observations of X Persei, the Proposed Optical Counterpart of the X-ray Source 4 U 0352+30
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Photometry of X Persei in Late 1978
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XY Cas

Détermination des rayons de céphéides. I. Vitesses radiales et dimensions de XY Cas
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XY Cep, ZZ Cyg, RX Gem

Revised Photometric Elements of Seven SD-Systems
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XZ GMi

Revised Photometric Elements of the Eclipsing Binary XZ CMi
Mardirossian, F., Giuricin, G. **96**, 415

YY CMi

YY CMi: An Evolved Contact Binary System?
Giuricin, G., Mardirossian, F. **94**, 391

α And

UV Observations and Variability of Alpha Andromedae
Rakos, K.D., Jenkner, H., Wood, J. **95**, 394; ***43***, *209*

α Boo = Arcturus

A Contribution to the Determination of the Mass of Arcturus
Spite, M., Martin, P. **101**, 265

α Cas, And, And, Per, Cyg

Stellar Diameter Measurements by Two-telescope Interferometry in Optical Wavelengths
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α Lyr

The Importance of Accurate Oscillator Strengths in Connection with Ultraviolet Stellar Spectra
Burger, M. **94**, 199

α Sco

Multicolor Linear Polarimetry of Betelgeuse and Antares
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β Gem = Pollux

β Lyr

Progress on a Quantitative Model for Beta Lyrae
Wilson, R.E., Lapasset, E. **95**, 328

β Per

Cinq premières campagnes d'observations systématiques de β Persei à l'Astrolabe de l'Observatoire de Paris
Débarbat, S., Chollet, F., Clauzet, L.B.F., Feissel, M., Lam, S.K., Texier, P., Tomas, M., Vanhollebeke, J. **99**, 401; ***44***, *189*

γ Equ

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Adelman, S.J. **99**, 403; ***44***, *265*

γ Peg

Spectrographic Observations of the β CMa Variable Star γ Pegasi
Ducatel, D., Le Contel, J.-M., Sareyan, J.-P., Valtier, J.-C. **97**, 415; ***43***, *359*

ε Eri

Epsilon Eridani: Active Chromosphere Associated with Enhanced Microturbulence
Steenbock, W., Holweger, H. **99**, 192

ζ Aur

The Ultraviolet Spectrum of the Eclipsing Binary Zeta Aurigae
Hack, M. **99**, 185

κ Cet

The Transition Region Structure of κ Ceti
Fernández-Figueroa, M.J., de Castro, E., Rego, M. **99**, 141

κ Cnc

Line Blanketed Model Atmospheres of Ap-Stars. V. The Hg-Mn Stars 53 Tau and κ Cnc
Stepień, K., Muthsam, H. **100**, 159

κ Ori

Monitoring Line Profile Changes in κ Orionis, BO.5IA
Stalio, R., Sedmak, G., Rusconi, L. **101**, 168

ν Sgr

The Evolutionary Status of Upsilon Sagittarii (=HD 181615) as Derived from Ultraviolet and Visual Observations
Hellings, P., de Loore, C., Burger, M., Lamers, H.J.G.L.M. **101**, 161

π Aqr

Ultraviolet Observations of 27 Canis Majoris, π Aquarii and 48 Librae
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τ Sco

The Expanding Envelope of Tau Scorpii: A Detailed UV-line Fit
Hamann, W.-R. **100**, 169

10 Aqu

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Adelman, S.J. **99**, 404; ***44***, *309*

16 Cyg

Contribution to the Search for Solar Spectral Analogs. An Analysis of 16 Cyg A and B
Perrin, M.-N., Spite, M. **94**, 207

2AO311-227

Simultaneous Spectroscopic and Photometric Observations of 2AO311-227
van Paradijs, J., Verbunt, F., van den Heuvel, E.P.J., van der Linden, T.J., Brand, J., van Leeuwen, F. **103**, 209; ***46***, *89*

2A 0526-328

A Photometric Study of 2A 0526-328
Motch, Ch. **100**, 277

2S 0921–630

Optical Eclipses in 2S 0921–630
Chevalier, C., Ilovaisky, S.A. **93**, L3
Optical Eclipses in 2S 0921–630
Chevalier, C., Ilovaisky, S.A. **94**, L3

27 CMa

Ultraviolet Observations of 27 Canis Majoris, π Aquarii and 48 Librae
Ringuelet, A.E., Fontenla, J.M., Rovira, M. **100**, 79

3U 0352+30 = X Per

3U 1223-62 = WRA 977

33 Lib

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Adelman, S.J. **95**, 393; ***43***, *183*

4 U 1626-67

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